

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
STANDARD ANNULAR PRESSURE TEST

Operator NUENERGY OPERATING, INC.

State Permit No. 47596

Address P.O. BOX 1122

USEPA Permit No. MI-119-2D-0070

GAYLORD, MI 49734-1122

Date of Test 10-3-13

Well Name AVERY 23 SWD

Well Type 2D

LOCATION INFORMATION SW Quarter of the NE Quarter of the NE Quarter

of Section 23; Range 3E; Township 30W; County MONTMORENCY;

Company Representative PAUL KLEIN; Field Inspector _____;

Type of Pressure Gauge 10 inch face; 1500# psi full scale; 30# psi increments;

New Gauge? Yes ☐ No ☒ If no, date of calibration 6-9-13 Calibration certification submitted? Yes ☒ No ☐

TEST RESULTS

Readings must be taken at least every 10 minutes for a minimum of 30 minutes for Class II, III and V wells and 60 minutes for Class I wells.

For Class II wells, annulus pressure should be at least 300 psig. For Class I wells, annulus pressure should be the greater of 300 psig or 100 psi above maximum permitted injection pressure.

Original chart recordings must be submitted with this form.

5-year or annual test on time? Yes ☒ No ☐

2-year test for TA'd wells on time? Yes ☐ No ☐

After rework? Yes ☐ No ☐

Newly permitted well? Yes ☐ No ☐

Time	Pressure (in psig)	
	Annulus	Tubing
8:20	331	
8:30	330	
8:40	330	
8:50	330	
9:00	330	

Casing size 5 1/2"

Tubing size 2 3/8"

Packer type AD-1 TENSION

Packer set @ 1415'

Top of Permitted Injection Zone _____

Is packer 100 ft or less above top of

Injection Zone ? Yes ☐ No ☐

If not, please submit a justification.

Fluid return (gal.) 1 GAL

Comments:

Test Pressures: Max. Allowable Pressure Change: Initial test pressure x 0.03 9.93 psi
Test Period Pressure change -1 psi

Test Passed ☒ Test Failed ☐

If failed test, well must be shut in, no injection can occur, and USEPA must be contacted within 24 hours. Corrective action needs to occur, the well retested, and written authorization received before injection can recommence.

I certify under penalty of law that this document and all attachments are, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (See 40 CFR 144.32(d))

PAUL KLEIN

Printed Name of Company Representative



Signature of Company Representative

10-3-13

Date